

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 2 | "20050144407" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 14:42 |
| S2 | 211 | "5155845" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 14:43 |
| S3 | 204 | S2 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:15 |
| S4 | 12 | S3 and (snap\$1shot or poin\$1in\$1time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 10:12 |
| S5 | 2 | "5155845".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 15:11 |
| S6 | 39 | "5974563" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:04 |
| S7 | 2 | "20030131278" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:16 |
| S8 | 2 | "20020129214" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:21 |

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|-----|-------|---------------------------------|---|----|-----|------------------|
| S9 | 7 | "1517241" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:24 |
| S10 | 34 | colgrove-john-a\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:26 |
| S11 | 17 | karr-ronald-s\$\$\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:25 |
| S12 | 29 | kiselev-oleg.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:25 |
| S13 | 21519 | (configur\$5 and modif\$7).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:28 |
| S14 | 6 | S10 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:33 |
| S15 | 2 | S11 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:31 |
| S16 | 7 | S12 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:36 |

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|-----|-------|---|---|----|-----|------------------|
| S17 | 8399 | chang\$3 near5 (log or journal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:36 |
| S18 | 1411 | 711/162.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:37 |
| S19 | 84 | S17 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:37 |
| S20 | 61 | S19 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 16:38 |
| S21 | 2 | "20030051111" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 15:22 |
| S22 | 2 | ("2003/0051111").URPN. | USPAT | OR | OFF | 2006/04/18 15:22 |
| S23 | 10 | ("20030009707" "20030051111" "20030177321" "20030182592" "20030188218" "20030188233" "20040123180" "20040128442" "5742792" "6681303").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/18 15:25 |
| S24 | 10794 | (third or ternary) near5 ((data adj store) or (storage adj control) or server) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:14 |
| S25 | 14223 | (snap\$1shot or point\$1in\$1time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:11 |

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| S26 | 340 | S24 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:12 |
| S27 | 217 | S26 and ((updat\$3 or modif\$7 or writ\$3) near2 data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:15 |
| S28 | 17295 | (third or ternary) near5 ((data adj store) or (storage adj control) or server or site) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:14 |
| S29 | 465 | S25 and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:14 |
| S30 | 291 | S29 and ((updat\$3 or modif\$7 or writ\$3) near2 data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:15 |
| S31 | 220 | S30 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:58 |
| S32 | 1414 | 711/162.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:16 |
| S33 | 15 | S31 and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:56 |

EAST Search History

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|-----|-----|--------------------------------------|---|----|-----|------------------|
| S34 | 103 | ofek-yuval.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:57 |
| S35 | 14 | S28 and S34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:58 |
| S36 | 7 | S25 and S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 17:58 |
| S37 | 7 | S36 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/19 16:51 |
| S38 | 7 | S30 and S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 18:03 |
| S39 | 6 | S25 and (fourth adj site) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 18:12 |
| S40 | 6 | S39 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 10:14 |
| S41 | 0 | S25 and (fourth adj data adj center) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 18:12 |

EAST Search History

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| S42 | 2 | S25 and (fourth adj storage adj (system or controller or server or node)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 18:14 |
| S43 | 7 | performing near2 updat\$3 near5 (second or remote or back\$1up) near2 (site or (data adj center) or server or (storage adj system)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 19:05 |
| S44 | 2 | S25 and S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 19:10 |
| S45 | 793 | S25 and ((updat\$3 or chang\$3) near2 (journal or log or queue)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 19:11 |
| S46 | 636 | S45 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 19:12 |
| S47 | 53 | S32 and S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 19:12 |
| S48 | 14 | S47 and (time adj (stamp or sequence)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 10:13 |
| S49 | 14 | S48 and updat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/19 16:49 |

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| S50 | 15 | (first adj point\$1in\$1time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/19 16:50 |
| S51 | 25 | (second adj point\$1in\$1time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/19 16:51 |
| S52 | 9 | S50 and S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/19 16:51 |
| S53 | 7 | S52 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/19 16:51 |
| S54 | 13766 | (snap\$1shot or poin\$1in\$1time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 10:12 |
| S55 | 63882 | (time adj (stamp or sequence)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 10:13 |
| S56 | 1895 | S54 and S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 10:13 |
| S57 | 1422 | 711/162.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 10:14 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S58 | 73 | S56 and S57 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 10:14 |
| S59 | 50 | S58 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 10:50 |
| S60 | 3130 | (produc\$3 or generat\$3 or creat\$3) with copy with (sequncial\$3 nea2 order) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 10:42 |
| S61 | 15 | S59 and S60 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 10:19 |
| S62 | 15 | S54 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 10:19 |
| S63 | 19 | (second\$3 near2 (control\$3 or (data adj center) or (storage adj system) or site)) with (produc\$3 or generat\$3 or creat\$3) with copy with (sequncial\$3 nea2 order) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 11:57 |
| S64 | 13 | S63 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 11:59 |
| S65 | 26 | (second\$3 near2 (control\$3 or (data adj center) or (storage adj system) or site)) with (produc\$3 or generat\$3 or creat\$3) with (snap\$1shot or point\$1in\$1time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 11:58 |

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| S66 | 19 | S65 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:11 |
| S67 | 1422 | 711/162.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:09 |
| S68 | 1024 | (command or instruction or message) with (point\$1in\$1time or snap\$1shot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:11 |
| S69 | 96 | S67 and S68 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:11 |
| S70 | 67 | S69 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:34 |
| S71 | 169726 | (modif\$3 or updat\$3) near5 data | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:12 |
| S72 | 45 | S70 and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:13 |
| S73 | 13 | S72 and bit\$1map | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:02 |

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| S78 | 68 | S67 and ((concurrent or parallel or simultan\$3) near2 operation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:33 |
| S79 | 12 | S78 and (sequen\$4 near2 order) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:34 |
| S80 | 11 | S79 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 17:20 |
| S81 | 0 | S67 and (unorder near5 operation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:43 |
| S82 | 1 | S67 and (unorder\$3 near5 operation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 17:19 |
| S84 | 53 | S67 and (perform\$3 with set near5 operation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 17:20 |
| S85 | 11 | S80 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 17:21 |
| S86 | 41 | S84 and (@ad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 08:58 |

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| S87 | 0 | S78 and S86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 17:22 |
| S88 | 2 | "6282610".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 08:58 |
| S89 | 2 | "6898681".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 09:32 |